IMPROVED DEVICE FOR SWITCHING ON AND POWERING DISCHARGE LAMPS

ABSTRACT

The invention relates to a device (101) for switching on and powering discharge lamps comprising at least a current limiting device, at least a square wave generator, at least an igniter, at least two high tension connection cables (107, 107'), at least a lamp holder (103) with at least a discharge lamp (104) coupled, said at least one igniter comprising at least a high tension transformer and at least an overlapping transformer, said device being characterised in that said at least an igniter is divided into a first stage of the igniter, or pulse generator transformer (102), and a high tension transformer (108), and in that said first igniter stage, or pulse generator transformer (102), and the relevant high tension transformer (108) are assembled along with the above mentioned components.